

Student's Name: _____

Date: _____

Mathematics Requirements

*Minimum 3.0 GPA is required for Curriculum Content

Course	Description	Hrs	Done
MATH2110	Calculus 1 ***Satisfies the Quantitative Reasoning Component of GEP	4	
MATH2120	Calculus 2	4	
MATH2130	Calculus 3	4	
MATH2200	Discrete Mathematics	4	
MATH2300	Linear Algebra	3	
MATH3000	History of Mathematics	3	
MATH3200	Geometry	3	
MATH3610	Probability 1	3	
MATH4210	Modern Algebra 1	3	
MATH4400	Mathematical Models	3	
MATH4610	Mathematical Analysis 1	3	
MATH4996	Senior Research Project 1	2	
MATH4997	Senior Research Project 2 *Capstone Requirement	1	
STAT2500	Statistics 1	3	

Mathematics Computer Science Elective

(Choose 1 of the courses listed below)

BUIS1300	Intro to Programming	3	
BUIS2350	JavaScript Programming	3	
ETEC1101	Structured Programming	3	
ETEC1115	Computer Programming for Tech	3	
ETCO1120	Intro STEM Computer Programming	3	
ETGG1801	Game Programming Foundations I	3	

Education Requirements

A grade of C or higher and 3.0 GPA is required for this component

Course	Description	Hrs	Done
EDUC1115	Intro to Teaching Profession	3	
EDUC2230	Educ Media, Technology and Computers	3	
EDUC2245	Understanding Cultural Diversity	3	
EDIS2250	Exceptional Learning Needs	3	
EDAE3285	Foundations of Secondary Education	3	
EDRE3305	Teaching Reading in Content Area	3	
EDUC3310	Curriculum and Assessment	3	
EDAE4385	Teacher Education Capstone I	2	
EDAE4400	Sec School Curriculum/Instruction/Mgt	2	
MATH4700	Math Methods Secondary Education	5	
EDAE4386	Teacher Education Capstone II	1	
EDAE4490	Directed Teaching & Seminar	10	

First Year Experience (1 hr)

A grade of C or higher is required in this component

UNIV1100	First Year Experience: Unv. Foundations	1	
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Related Studies (9 hrs)

A grade of C or higher is required in this component

Course	Description	Hrs	Done
PSYC1101	Introduction to Psychology	3	
PSYC2130	Child and Adolescent Psychology	3	
PSYC2170	Educational Psychology	3	

GENERAL EDUCATION PROGRAM (28 Credit Hours)

*A grade of C or higher is required in this component

English Composition (6 hrs)			
Take one of the following 1101, 1102, or 1103. 1105 is required.			
Course	Description	Hrs	Done
ENGL1101	Discourse & Comp (A) or	3	
ENGL1102	Discourse & Comp (B)	3	
ENGL1103	Comp for ESL Students 1	3	
ENGL1105	Composition and Argumentation	3	
Fine & Performing Arts (3 hrs)			
Course	Description	Hrs	Done
ARTH1101	Introduction to Art	3	
ENGL2275	American Film History	3	
MUSI1201	Music Appreciation	3	
MUSI2211	Music History 1	3	
THAR1000	Intro to Theater	3	
Oral Communication (3 hrs)			
Course	Description	Hrs	Done
EDUC1115	Intro to the Teaching Profession (WI)	3	
Natural Sciences (7 hrs)			
Course	Description	Hrs	Done
NTSC1110	Scientific Reasoning/Methodology (Required)	3	
Choose 1 Course below in addition to NTSC1110			
**Recommended for non-science majors			
BIOL1120	Concepts in Biology **	4	
BIOL1130	Prin of Anatomy/Physiology 1	4	
BIOL1131	Prin of Anatomy/Physiology 2	4	
BIOL1151	General Biology 1	4	
BIOL1152	General Biology 2	4	
BIOL2253	Practical Horticulture	4	
BIOL3750	Microbiology	4	
CHEM1121	Principles of Chemistry	4	
CHEM1141	General Chemistry 1	4	
CHEM1142	General Chemistry 2	4	
GEO11201	Physical Geol/Human Environment	4	
GEO11202	Historical Geology	4	
GEO11350	Plant Earth**	4	
NTSC3850	Ohio's Natural Heritage	4	
PHYS2201	Physics 1	4	
PHYS2202	Physics 2	4	
PHYS2210	Introductory Astronomy **	4	
PHYS2211	Calculus-Based Physics 1	4	
PHYS2212	Calculus-Based Physics 2	4	
PSCI2251	Physical Science by Inquiry 1 **	4	

Historical Perspective (3 hrs)			
Course	Description	Hrs	Done
ARTH3366	Non-Western Arts Survey	3	
ENGL2205	Intro to Women's Studies	3	
HIST2102	Medieval and Renaissance Europe	3	
HIST2103	Revolutionary Europe (AD 1517- AD 1921)	3	
HIST2223	Ancient History of the Near East	3	
HIST2430	World History I	3	
HIST3140	Europe and the Rise of the Modern World System	3	
HIST3300	Christianity in Early America (WI)	3	
HIST3355	Ohio River Valley History (WI)	3	
HIST3410	East Asian History	3	
HIST3430	Ancient Indian Culture/Society	3	
HIST3510	History of Islam: 7th through the 15th Century (WI)	3	
HIST3520	History of the Crusades; The Crescent and the Cross (WI)	3	
HUMA2225	Foundational Texts in Western Cultural History (WI)	3	
PHIL2200	Intro to Philosophy	3	
PHIL2284	Asian Philosophy (WI)	3	
REL12230	History of Christian Thought	3	
Global Perspective (3 hrs)			
Course	Description	Hrs	Done
ARTH3456	20th Century Art	3	
ENGL3334	Comparative Queer Theory & Lit (WI)	3	
ENGL3348	Comparative Feminist Literature and Theory (WI)	3	
GEOG1125	World Geography	3	
GEOG2201	Cultural Geography	3	
HIST2440	World History II	3	
HIST2540	Intro to the Middle East: History, Peoples, & Culture	3	
HIST3500	History of Southern Africa (WI)	3	
HIST3550	Islam: Religion, Politics, & Society	3	
HUMA2227	Influential Works in Global Transnational Cultures (WI)	3	
POLS1210	Intro to Comparative Politics	3	
POLS1410	Intro to International Relations	3	
POLS3410	International Political Economy (WI)	3	
RELI3300	Judaism, Christianity, & Islam	3	
SOSC3250	Asia: The Land and its People (WI)	3	

Literature (3 hrs)			
Course	Description	Hrs	Done
ENGL2200	Intro to Literature (WI)	3	
ENGL2211	Survey of English Literature 1 (WI)	3	
ENGL2212	Survey of English Literature 2 (WI)	3	
ENGL2247	World Literature (WI)	3	
ENGL2251	Survey of American Literature 1 (WI)	3	
ENGL2252	Survey of American Literature 2 (WI)	3	
Engaged Citizenry (3 hrs)			
Course	Description	Hrs	Done
EDUC2245	Understanding Cultural Diversity (WI)	3	
Ethical Insight & Reasoning (3 hrs)			
Course	Description	Hrs	Done
PHIL2320	Ethics in Public & Private Life (WI)	3	
Human Behavior (3 hrs)			
Course	Description	Hrs	Done
PSYC1101	Intro to Psychology	3	
<p>Notes: The Quantitative Reasoning component of the GEP is satisfied within the Mathematical Sciences Core requirement; The Oral Communication requirement of the GEP is satisfied by EDUC1115; The Engaged Citizenry requirement of the GEP is satisfied by EDUC2245; The Human Behavior component of the GEP is satisfied by PSYC1101.</p>			